



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01728

Friday May 26, 2023

Satellite Licensing Division and Satellite Programs and Policy Division Information **Space Station Applications Accepted for Filing**

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-STA-20230406-00076 E XM Radio LLC
Date Filed: 04/06/2023 18:29:08:70000
Special Temporary Authority

XM Radio LLC requests special temporary authority for an additional period of 180 days to perform telemetry, tracking, and command (TT&C) operations necessary to drift its Satellite Digital Audio Radio Service (SDARS) space station, XM-4, from the 85.15° W.L. orbital location to the 39° W.L. orbital location in preparation for deorbit maneuvers. XM Radio would conduct TT&C using the following center frequencies: 2340.2 MHz and 2342.0 MHz (space-to-Earth), and 7045 MHz and 7072 MHz (Earth-to-space). XM Radio requests a waiver of Section 25.210(j) of the Commission's rules to permit XM-4 to be maintained at 39° W.L. with a +/-0.1 degree east-west station keeping tolerance. Additionally, XM Radio seeks authority to remove XM-4 to a disposal orbit pursuant to an updated orbital debris mitigation plan that reflects a higher level of residual xenon.

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.